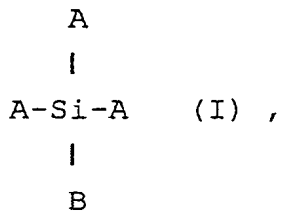
Claims:

1. The use of antimisting additives in crosslinkable silicone coating compositions for reducing the formation of aerosol, characterized in that use is made as antimisting additives of branched organosilicon compounds containing
a) per molecule at least one unit of the general formula



(I) ,

where A is a radical of the general formula

$-(OSiR^1R^2)_2-(OSiR_2)_x-Y-SiR_2O_{1/2}$

R is identical or different at each occurrence and is a monovalent, aliphatically saturated or aromatic hydrocarbon radical having 1 to 12 carbon atoms per radical,
R^1 is a radical of the general formula

$OSiR_2-Y-SiR_2O_{1/2}$,

R^2 has the definition of R, R^1 or R', R' being a monovalent, aliphatically saturated or aromatic hydrocarbon radical having 1 to 12 carbon atoms per radical, containing one or more heteroatoms selected from the group consisting of O, S, N, Si and Ti,
Y is a divalent hydrocarbon radical of the general formula

$-CH2\ CHR^5(-R^4)_v-$,

R^4 is a divalent hydrocarbon radical having 1 to 10 hydrocarbon atoms per radical or is a chemical bond if v is 0,
R^5 is a hydrogen atom or has the definition of R,
v is 0 or 1,
x is identical or different and is 0 or 1 and
z is identical or different and is 0 or 1,
and B has the definition of A or R or R' with the proviso that B is R or R' if x is 0,

(b) per molecule at least one unit of the general formula

$$O_{1/2}SiR_2R^3 \quad (II) ,$$

where R is as defined above and
R^3 is an aliphatically unsaturated hydrocarbon radical of the general formula

$$H_2C=CR^5(-R^4)_v-$$

where R^4 and R^5 are as defined above,

(c) optionally units of the general formula

$$O_{1/2}SiR^3 \quad (III) ,$$

where R is as defined above,

(d) optionally units of the general formula

$$SiR_2O \quad (IV) ,$$

where R is as defined above, and

(e) optionally units of the general formula

$$O_{1/2}SiR_2\text{-}Y\text{-}SiR_2O_{1/2} \quad (V) \ ,$$

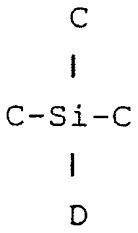
where R is as defined above,
are used.

2. The use as claimed in claim 1, characterized in that the radical R^3 is a vinyl radical.

3. The use as claimed in claim 1 or 2, characterized in that Y is a group of the formula $-CH_2CH_2-$.

4. The use as claimed in claim 1, 2 or 3, characterized in that x is 1 and z is 0.

5. The use of antimisting additives in crosslinkable silicone coating compositions for reducing the formation of aerosol, characterized in that antimisting additives used are branched organosilicon compounds preparable by
in a first step
subjecting compounds (1) to the general formula



where C is a radical of the general formula

$$-(OSiR^6R^7)_z(OSiR_2)_xH$$

where x and z are as defined in claim 1,

R^6 is a radical of the general formula

$$-OSiR_2H$$

and R^7 has the definition of R, R′ or R^6, R and R′ being as defined in claim 1,
and D has the definition of C or R or R′, with the proviso that D is R or R′ if x is 0,
and optionally compounds (2) of the general formula

$$HR_2SiO(R_2SiO)_nSiR_2H$$

where R is as defined in claim 1 and
n is 0 or an integer from 1 to 100
to reaction with organo(poly)siloxanes (3) of the general formula

$$R^3R_2SiO(R_2SiO)_mSiR_2R^3$$

where R and R^3 are as defined in claim 1 and
m is 0 or an integer from 1 to 200
in the presence of catalysts (4) which promote the addition of aliphatic double bond onto Si-bonded hydrogen,

and optionally in a second step equilibrating the resulting branched organosilicon compounds with organopolysiloxanes (5) selected from the group consisting of linear organopolysiloxanes containing terminal triorganosiloxy groups and linear organopolysiloxanes containing terminal hydroxyl groups.

6. The use as claimed in any of claims 1 to 5, characterized in that said crosslinkable silicone coating composition comprises

(A) organosilicon compounds having radicals containing aliphatic carbon-carbon multiple

bonds,

(B) organosilicon compounds containing Si-bonded hydrogen atoms,

(C) catalysts which promote the addition of Si-bonded hydrogen onto aliphatic multiple bond,

and if desired

(D) inhibitors.

7. A crosslinkable silicone coating composition featuring reduced aerosol formation, comprising

(X) antimisting additives as set forth in any of claims 1 to 5,

(A) organosilicon compounds having radicals containing aliphatic carbon-carbon multiple bonds,

(B) organosilicon compounds containing Si-bonded hydrogen atoms,

(C) catalysts which promote the addition of Si-bonded hydrogen onto aliphatic multiple bond,

and if desired

(D) inhibitors.

8. A shaped body produced by crosslinking the composition of claim 7.

9. The shaped body of claim 8, characterized in that it is a coating.

10. The shaped body of claim 8, characterized in that it is a coating which repels tacky substances.

11. A process for producing coatings by applying a crosslinkable composition as claimed in claim 7 to the surfaces that are to be coated and then crosslinking the composition.

12. A process for producing coatings which repel tacky substances by applying a crosslinkable composition as claimed in claim 7 to the surfaces that are to be made repellent to tacky substances and then crosslinking the composition.